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PTO/SB/21 (08-00)

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/029,377
Filing Date	December 19, 2001
First Named Inventor	Antonio Sanfilippo
Group Art Unit	2176
Examiner Name	Unassigned
Attorney Docket Number	019497-002910US

Total Number of Pages in This Submission

### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard Copies of twenty-seven (27) cited references
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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Patrick M. Boucher	Reg. No. 44,037
Signature		
Date	April 24, 2002	

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Typed or printed name	Nina L. McNeill		
Signature		Date	April 24, 2002

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PATENT  
Attorney Docket No.: 019497-002910US

Assistant Commissioner for Patents  
Washington, D.C. 20231



*April 24, 2002*

TOWNSEND and TOWNSEND and CREW LLP

By: *Nina L. McNeill*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Antonio Sanfilippo

Application No.: 10/029,377

Filed: December 19, 2001

For: NATURAL LANGUAGE  
METHOD AND SYSTEM FOR  
MATCHING AND RANKING  
DOCUMENTS IN TERMS OF  
SEMANTIC RELATEDNESS

Examiner: Unassigned

Art Unit: 2176

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Assistant Commissioner for Patents  
Washington, D.C. 20231

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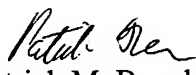
The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

  
Patrick M. Boucher  
Reg. No. 44,037

TOWNSEND and TOWNSEND and CREW LLP  
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Form for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/029,377
Filing Date	December 19, 2001
First Named Inventor	Antonio Sanfilippo
Art Unit	2176
Examiner Name	Unassigned
Attorney Docket Number	019497-002910US

**U.S. PATENT DOCUMENTS**

Examiner	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	AA	US-5,243,520	9/7/93	Jacobs et al.	
	AB	US-5,794,050	8/11/98	Dahlgren et al.	
	AC	US-5,799,268	8/25/98	Boguraev	
	AD	US-5,895,464	4/20/99	Bhandari et al.	
	AE	US 5,963,940	10/5/99	Liddy et al.	
	AF	US-6,154,213	11/28/00	Rennison et al.	
	AG	US-6,175,828	1/16/01	Kuromusha et al.	
	AH	US-6,182,062	1/30/01	Fujisawa et al.	
	AI	US-6,212,494	4/3/01	Boguraev	
	AJ	US-6,233,547	5/15/01	Denber	
	AK	US-6,272,495	8/7/01	Hetherington	
	AL	US-6,278,996	8/21/01	Richardson et al.	
	AM	US-6,292,771	9/18/01	Haug et al.	

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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	AN	EP	0 386 825	12/9/90	BSO/BURO VOOR SYSTEEMONTWIKKELING B.V.		
	AO	WO	97/08604	6/3/97	Syracuse University		

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AP	ANICK, PETER, et al., "An Application of Lexical Semantics to Knowledge Acquisition from Corpora," Proceedings of 13 <sup>th</sup> International Conference on Computational Linguistics, Helsinki, Finland, pp. 7-12, 1990.	
	AQ	GRISHMAN, RALPH, et al., "Acquisition of Selectional Patterns," Proceedings of the 14 <sup>th</sup> International Conference on Computational Linguistics, (COLING-92), Nantes, France, pp. 658-664, 1992.	

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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 2 of 2	Attorney Docket Number	019497-002910US	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number <sup>4</sup> <small>Kind Code<sup>5</sup> (if known)</small>			
	AR		JACOBS, PAUL S., et al., "The Tipster/Shogun Project," Proceedings of the Tipster Phase I Final Meeting, pp. 209-221, September 19-23, 1993.			
	AS		LI LI et al., "Parsing Unification Categorical Grammar with Object-Oriented Knowledge," IEEE 1994, pp. 33-39.			
	AT		LIDDY, ELIZABETH D., et al., "Linguistic-Conceptual Approach to Document Detection," NIST Special Publication, Gaithersburg, MD, NO. 500-207, 1993, XP-000892980, pp. 113-129.			
	AU		LIDDY, ELIZABETH D., et al., Dr.-Link System: Phase I Summary," Proceedings of the Tripster Text Program Phase I Workshop, April 1994, pp. 93-110.			
	AV		PUSTEJOVSKY, JAMES, "The Generative Lexicon," Association of Computational Linguistics, Vol. 17, No. 4, pp. 409-441, 1991.			
	AW		PUSTEJOVSKY, JAMES, "The Generative Lexicon," MIT Press, Cambridge, MA., 1995.			
	AX		SALTON, GERARD, et al., "Automatic Structuring and Retrieval of Large Text Files," Communications of the ACM, Vol. 37, No. 2, pp. 97-108, February 1994.			
	AY		SALTON, GERARD, "Developments in Automatic Text Retrieval," Science, Vol. 253, pp. 974-980, August 1991.			
	AZ		TUTTLE, HOWARD, et al., "Evaluation of an Inference Network-Based Retrieval Model," ACM Transactions on Information Systems, Vol. 9, No. 3, pp. 187-222, July 1991.			
	BA		WEISCHEDEL, RALPH, et al., "BBN: Description of the PLUM System as Used for MUC-5," Proceedings of the 5 <sup>th</sup> Message Understanding Conference, pp. 93-107, August 25-27, 1993.			

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